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Status of SuperCDMS Soudan High Threshold Analysis TODD DOUGHTY, Univ of California - Berkeley, SUPERCDMS COLLABORATION — The ΛCDM model of the universe implies that ∼80% of the matter in the universe is non-baryonic dark matter. A particularly well motivated candidate for this dark matter is the Weakly Interacting Massive Particle (WIMP). The SuperCDMS collaboration searches for WIMP recoils in germanium crystal detectors. A total mass of 9 kg has been operating at the Soudan Underground Laboratory since March 2012. Previous analyses have presented results optimized for low-mass WIMPs using only a subset of the data. I present the status of the high-threshold analysis that is optimized for heavier WIMP masses (>10 GeV) and uses the entire ∼3000 kg-day dataset.

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